

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1/12/05 are:A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

## 1. DRAWINGS. 37 CFR 1.84(a): Acceptable

categories of drawings: Black ink or Color (3 sets required).

 Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

## 2. PHOTOGRAPHS. 37 CFR 1.84(b)

 One (1) full-tone set is required. Fig(s) \_\_\_\_\_ Photographs may not be mounted. 37 CFR 1.84(c) Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_ Poor quality (half-tone). Fig(s) \_\_\_\_\_

## 3. TYPE OF PAPER. 37 CFR 1.84(e)

 Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

## 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches) All drawing sheets not the same size. Sheet(s) \_\_\_\_\_ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

## 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

 Margins not acceptable. Fig(s) \_\_\_\_\_ Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_ Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

## 6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification; at the Brief Description of the Drawings, must likewise be changed.

 Views not labeled separately or properly. Fig(s) \_\_\_\_\_

## 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

## 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

## 9. SCALE. 37 CFR 1.84(k)

 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

## 10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)

 Lines, numbers & letters not uniformly thick and well defined, clear, durable, and black (poor line quality). Fig(s) 1-6C

## 11. SHADING. 37 CFR 1.84(m)

 Solid black areas pale. Fig(s) \_\_\_\_\_ Solid black shading not permitted. Fig(s) \_\_\_\_\_

## 12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)

 Numbers and reference characters not plain and legible. Fig(s) 1A-1E, 5A-6C Figure legends are poor. Fig(s) 1A-1E, 5A-6C Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 1A-1E, 5A-6C

## 13. LEAD LINES. 37 CFR 1.84(q)

 Lead lines missing. Fig(s) \_\_\_\_\_

## 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

 Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

## 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

## 16. DESIGN DRAWINGS. 37 CFR 1.152

 Surface shading shown not appropriate. Fig(s) \_\_\_\_\_ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

## COMMENTS:

• data is inverted shading of fig 5C & 6C #40  
poor

Reviewer WJ

If you have questions, call (703) 305-8404.

Date 4/6/05

Attachment to Paper No. \_\_\_\_\_